

Latitude and Longitude Information for Gary Development Landfill Site

Latitude: 41°36'50.62" (North)
Longitude: -87°25'35.21" (West)



- **Accuracy in Meters +/-:**

- 1.52400meters (5') accuracy for 2005 Color Orthophotos @ 12" resolution
- 0.76200meters (2.5') accuracy for 2005 Color Orthophotos @ 6" resolution

The statewide base product for 2005 Digital Orthophotography was 1-foot resolution imagery (5' or better accuracy). Thirteen Indiana counties exercised the option to purchase 6-inch resolution imagery (2.5' or better accuracy). Those counties were: Dubois, Elkhart, Floyd, Hamilton, Kosciusko, Lake, LaPorte, Marion, Monroe, Perry, Steuben, Tippecanoe, Vanderburgh.

- Digital Orthophotography Layer Properties:

- Title: 2005 Color Orthophotos @ 6" and 12" resolution
- Geographic Region: Indiana
- Pixel Source: Aerial Photography
- Publisher: Indiana Department of Homeland Security
- Name: OrthosFullRes2005

- **Collection Method:**

Using GIS software, ESRI® ArcMap™ 9.3 (Build 1850) with License Type: ArcView, coordinates for the approximate center of the site were selected. The GIS layer for the 2005 Digital Orthophotography is stored on the State of Indiana Geographic Information Officer's Spatial Database Engine (SDE) data library. The Identify command was used in ArcMap software to identify and capture the Latitude and Longitude (in degrees, minutes, seconds) coordinates of the approximate center of the site.

- **Reference Datum:**

- Datum: D_North_American_1983
- Geographic Coordinate System: GCS_North_American_1983
- Prime Meridian: Greenwich
- Angular Unit: Degree

- **Reference Point:**

- The center of site is approximately 2,110' southeast of the intersection of Gary Avenue and Cline Avenue, Gary, Indiana.

- **Source Map Scale:**

- 1:6,000

- **Point / Line / Area:**

- Point

- **Collection Date:**

- 2-18-2010

- **Verification Method:**

- Map Interpretation

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Gary Development Landfill Probable Point of Entry (PPE) - 1989



UO4

UO3

PPE - 1989

UO1

UO2

Source:
Digital Aerial Photography provided by Indiana State Archives
Lake County, 45-3-81
Date of Photography: May 11, 1989

Aerial Photography is Not To Scale

Disclaimer:
This map is intended to serve as a graphic representation only.
This information is not warranted for accuracy or other purposes.

Mapped By:
Mike Hill, Office of Land Quality
Date:
2/16/2010

Reference Probable Point of Entry (PPE) Map (11" X 17") in
HRS report for similar legend.

Reference Points:

UO1: The general location of the reference point is southwest of the Gary Development Landfill property. The reference point is at the intersection of State Road 912 (middle of bridge deck) and the middle of Interstate 90 (dividing barrier).
UO2: The general location of the reference point is southeast of the Gary Development Landfill property. The reference point is at the south end of the easternmost of two railroad bridges of the Elgin, Joliet, & Eastern Railroad as it crosses the Grand Calumet River.
UO3: The general location of the reference point is east of the Gary Development Landfill property. The reference point is at the toll booth administrative building (the easternmost building) at the southeast corner of the sidewalk next to the parking lot.
UO4: The general location of the reference point is northwest of the Gary Development Landfill property. The reference point is at northbound State Road 912 at the bridge over Gary Avenue where the pavement changes at the edge of pavement at the south end of the bridge deck.

Probable Point of Entry (PPE) Map - 1989, Gary Development Landfill
Gary, Lake County, Indiana (U.S. EPA ID: IND077005916)



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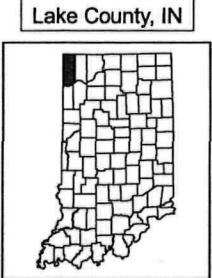
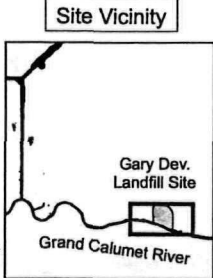
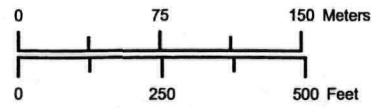
Sources:
Non Orthophotography Data
- Obtained from the State Land Office, 1989 Digital Aerial Photography
Orthophotography - Obtained from IndianaMap Framework Data (2005 Digital Orthophotography) (www.indianamap.org)
Map Projection: UTM Zone 16 N **Map Datum:** NAD83



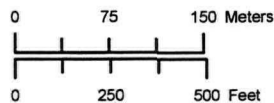
This map is intended to serve as an aid in graphic representation only. This information is not warranted for accuracy or other purposes.

Mapped By: Mike Hill, Office of Land Quality
Date: 2/16/2010

- PPE - 1989
- PPE Reference Point
- Reference Line
- Approximate Site Boundary



Site Location Map, Gary Development Landfill Gary, Lake County, Indiana (U.S. EPA ID: IND077005916)



Sources:

Non Orthophotography Data

- Obtained from the State of Indiana Geographic Information Office Library
- Approximate Site Boundary based on Lake County parcels.

Parcel ID: 45-03-35-301-003.000-004 15.777 acres
Parcel ID: 45-03-35-326-001.000-004 5.9 acres
Parcel ID: 45-03-35-326-002.000-004 40 acres

Orthophotography - Obtained from IndianaMap Framework Data (www.indianamap.org)

Map Projection: UTM Zone 16 N **Map Datum:** NAD83



Approximate Center of Site



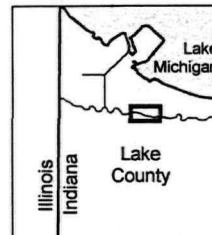
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Site Vicinity



Lake County, IN

